

ABSTRACT

A user input device for communicating a user input to a computer. The user input device includes a user input detecting element and a kinetic energy converting device. The user input detecting element detects a user input. The kinetic energy converting device converts kinetic energy supplied to the user input device by a user to electrical energy. The electrical energy from the kinetic energy converting device is used to communicate a user input detected by the user input detecting element to the computer and/or charge a battery of the user input device and/or a system battery of the computer.